

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date  
28 July 2005 (28.07.2005)

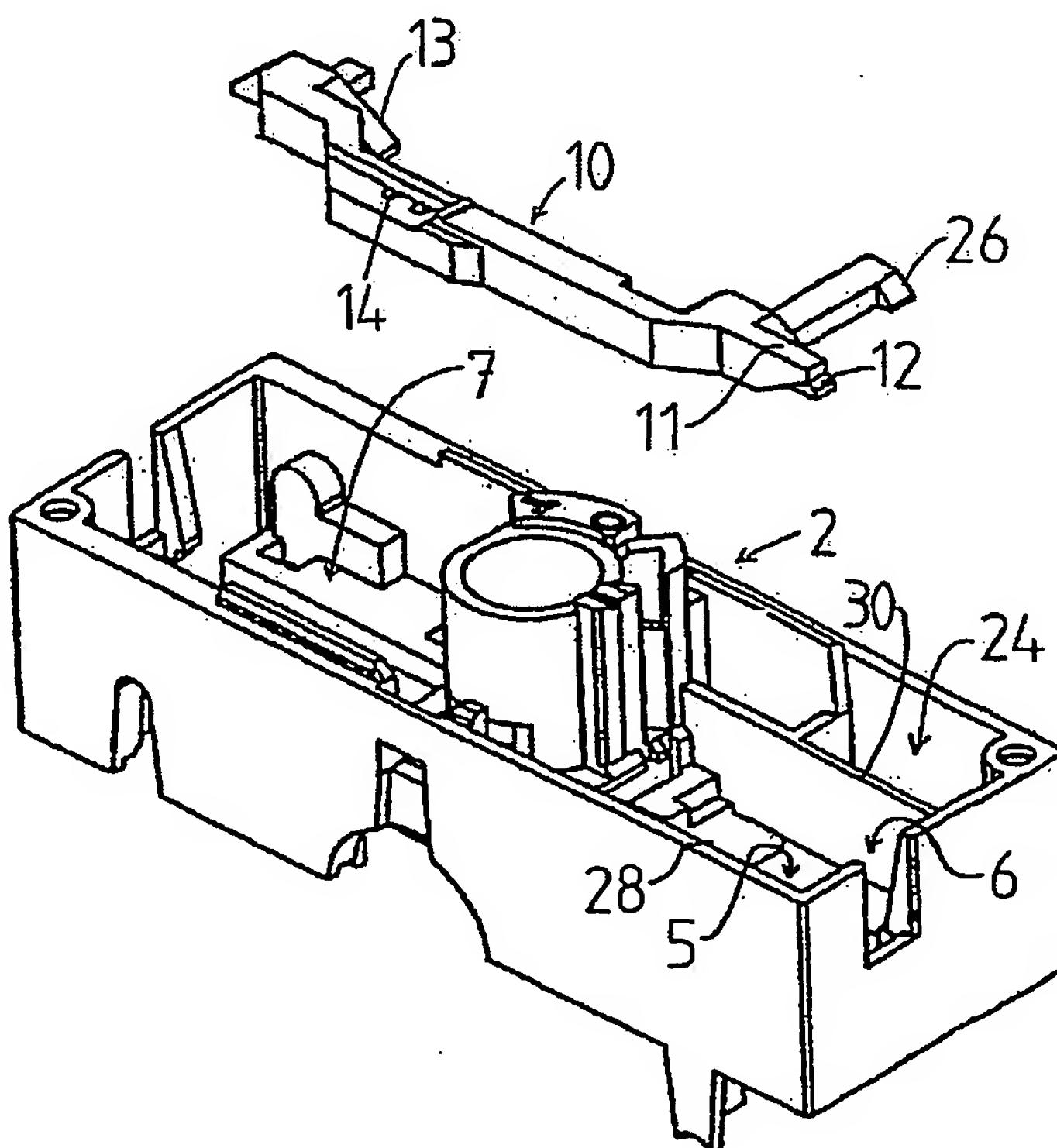
PCT

(10) International Publication Number  
**WO 2005/069334 A1**

- (51) International Patent Classification<sup>7</sup>: H01H 71/46,  
3/20, 9/00 Rainer [FI/FI]; Urputie 3 as 1, FI-66400 Laihia (FI).  
MÄTTLAR, Harri [FI/FI]; Jungsundsvägen 809,  
FI-65760 Iskmo (FI).
- (21) International Application Number:  
PCT/FI2005/000029 (74) Agent: KOLSTER OY AB; Iso Roobertinkatu 23, P.O.  
Box 148, FI-00121 Helsinki (FI).
- (22) International Filing Date: 18 January 2005 (18.01.2005) (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (25) Filing Language: English (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
- (26) Publication Language: English
- (30) Priority Data:  
20040066 19 January 2004 (19.01.2004) FI
- (71) Applicant (for all designated States except US): ABB OY [FI/FI]; Strömbärgintie 1, FI-00380 Helsinki (FI).
- (72) Inventors; and  
(75) Inventors/Applicants (for US only): KOLMONEN,

*[Continued on next page]*

(54) Title: AUXILIARY CONTACT CONFIGURATION FOR SWITCHING DEVICE



(57) Abstract: An auxiliary contact configuration for a switching device, the switching device comprising a frame part (2) and the auxiliary contact configuration comprising a first auxiliary contact position (5) provided in the frame part (2) and arranged to receive an auxiliary contact (8), and a movable auxiliary contact control device (10) comprising a first control element (11) arranged to control the auxiliary contact (8) installed in the first position (5). The auxiliary contact configuration comprises a second auxiliary contact position (6) provided near the first auxiliary contact position (5), and the auxiliary contact control device (10) comprises a second control element (12) arranged to control the auxiliary contact (8) installed in the second position (6) in a manner different from the manner in which the first control element (11) is arranged to control the auxiliary contact (8) installed in the first position (5).

WO 2005/069334 A1